

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD08651000592101	Manifest Document No. 92101	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.				
3. Generator's Name and Mailing Address Douglas Aircraft Company Attn: R. Tue11 M/S C6-59 19503 S. Normandie Avenue, Torrance, CA 90502		A. State Manifest Document Number 92120508							
4. Generator's Phone (310) 533-7926 or (310) 533-7231		B. State Generator's ID HAH036005698							
5. Transporter 1 Company Name United Pumping Service		C. State Transporter's ID 863-20508							
6. US EPA ID Number CAD072953771		D. Transporter's Phone (818) 961-9326							
7. Transporter 2 Company Name		E. State Transporter's ID							
8. US EPA ID Number		F. Transporter's Phone							
9. Designated Facility Name and Site Address 011 Process Company 5756 Alba Street Los Angeles, CA 90058		G. State Facility's ID CAD0050806850							
10. US EPA ID Number CAD050806850		H. Facility's Phone (213) 585-5063							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) RQ, Hazardous Waste Solid, N.O.S. (Chromium, Lead) ORM-E, NA9189 (D007,D008)		12. Containers No. 001	Type C	13. Total Quantity M02620	14. Unit Wt/Vol P	I. Waste Number 181			
b.						EPA/Other D007,D008			
c.						State EPA/Other			
d.						State EPA/Other			
J. Additional Descriptions for Materials Listed Above a)OP11597. Paint filters. Waste cardboard paint filters from spray booth operations.		K. Handling Codes for Wastes Listed Above a. 15114				b.			
		c.				d.			
15. Special Handling Instructions and Additional Information In case of accident contact Chemtrec at 800-424-9300. DOT ERG # 31 Appt # 4225									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Robert G. Tueell, Jr.		Signature <i>Robert G. Tueell, Jr.</i>		Month 05	Day 20	Year 92			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name ENRIQUE A GRANADOS		Signature <i>Enrique A. Granados</i>		Month 05	Day 20	Year 92			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month	Day	Year			
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Darryl M. McCullers						Signature <i>Darryl M. McCullers</i>	Month 05	Day 20	Year 92

DO NOT WRITE BELOW THIS LINE.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

C A D 0 8 6 5 1 0 0 0 5 9 2 1 0 1

Manifest Document No.

2. Page 1

of 1

Information in the shaded areas
is not required by Federal law.

3. Generator's Name and Mailing Address

Douglas Aircraft Company Attn: R. Tuell M/S C6-59
19503 S. Normandie Avenue, Torrance, CA 90502

4. Generator's Phone (310) 533-7926 or (310) 533-7231

5. Transporter 1 Company Name

United Pumping Service

6. US EPA ID Number

C A D 0 7 2 9 8 3 7 7 1

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

011 Process Company
5756 Alba Street
Los Angeles, CA 90058

10. US EPA ID Number

C A D 0 5 0 8 0 6 8 5 0 (213) 585-5063

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a) RQ, Hazardous Waste Solid, N.O.S. (Chromium, Lead)
ORM-E, NA9189 (D007, D008)

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

I. Waste Number

State

181

EPA/Other
D007, D008

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a) UP11597. Paint filters. Waste cardboard paint filters
from spray booth operations.

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

In case of accident contact Chemtrec at 800-424-9300.

DOT ERG # 31

Amt # 4225

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Robert G. Tuell, Jr.

Signature

Month Day Year

05 20 92

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Enrique A. Grullon

Signature

Month Day Year

05 20 92

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.



UNITED PUMPING SERVICE, INC. FIELD WORK ORDER 26557

14016 EAST VALLEY BOULEVARD
CITY OF INDUSTRY, CALIFORNIA 91746
PHONE: (818) 961-9326
FAX (818) 336-7734

26557

PAGE ____ OF ____

CUSTOMER/ADDRESS *m.s. 6-59*
Douglas AIRCRAFT Co. ATTN: R. West
19503 S. NORMANDIE ACE
TORRANCE CA
PHONE NO. CONTACT:
LOCATION:

DATE WORK PERFORMED:	5/20/92
DATE OF THIS REPORT:	
TIME CALL RECEIVED:	
CONTRACT NO.:	
LOSS REPORT NO./P.O. NO.:	

SCOPE OF WORK:
DROP OFF 1R.0 Box 1R-201
PICK UP 1FNU R.0 BOX 1R-610

DISPOSAL MANIFEST NO.	DISPOSAL SITE	QTY	UNIT
93120508	OIL PROCESS W 2620 P		

CONSUMABLE: TYPE	QTY	TYPE	QTY

ADDITIONAL INFORMATION:

Till 02

PICTON MEDICAL

BOE-C6-0224779

ROLLINS

ENVIRONMENTAL SERVICES

LAND DISPOSAL RESTRICTION NOTIFICATION (per 40 CFR 268.7)

INSTRUCTION: Complete Part I. Check and complete Part II or Part III. Complete and sign Part IV.

PART I: Generator, Reference and Manifest Information

1. Generator Name: Douglas Aircraft Co EPA I.D. #: CA0086570005
2. Address: 1950 S Normandie Avenue
3. City: Torrance State: CA Zip: 90502
4. RES Reference # (BR/HO/L/W/MO/OP): OP11597 Manifest #: 92120508
5. EPA Waste Codes (list ALL applicable codes and subcategories for this stream--see reverse side for subcategories): D007, D008

6. This stream is a _____ wastewater (<1% total organic carbon and <1% total suspended solids for most wastes) or nonwastewater. If wastewater, obtain Wastewater Attachments 1, 2, and 3 from your Sales or Customer Service Representative.

PART II: Wastes Subject to Land Disposal Restrictions (If the waste is non-hazardous or a "newly listed waste" identified in Part III below, complete Part III rather than Part II.)

Pursuant to 40 CFR 268.7, I am notifying RES(LA); RES(NJ); RES(TX); RES of LA; OPC; TET that under the above RES Reference and manifest numbers, I am shipping to you a waste identified by the EPA waste code(s) and subcategory(ies) listed in Part I above, which is subject to the EPA Land Disposal Restrictions, as checked below.

A. Check line 1, 2, 3, 4 and/or 5, as applicable

1. Treatment standard, as checked by me in Attachment 1, which I am enclosing, for F001; F002; F003;
F004; F005; F039.
2. Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment 3.
3. Treatment standard(s) expressed as specified technology(ies) in 40 CFR 268.42(a), for which the required technology, per Attachment 3, is INCIN; DEACT; ADGAS fb NEUTR; IMERC; STABL; or, for PCBs,
Incineration in a TOSCA-permitted incinerator (RES(TX) only).
4. Numerical treatment standard(s) specified in 40 CFR 268.43(a) (Table CCW), per Attachment 3.
5. This waste is (check one) an "Appendix IV lab pack" or an "Appendix V lab pack". I have signed the required certification on page 2 of Attachment 2, which I am enclosing.

B. Also check one or more of the following lines if applicable

6. A D001-D011 waste which (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment 1, which I am enclosing.
7. Treatment standard(s) with a "capacity variance" until May 8, 1992, per Attachment 3, as I have checked on the enclosed Attachment 2. The waste (a) does (b) does not meet the definition of a "California List" waste (see definition below). If (a), I have also checked the "California List" section of Attachment 1, which I am enclosing.
8. A nickel or thallium "California List" waste (see definition below). I have checked the "California List" section of Attachment 1, which I am enclosing.
9. A specific extension or variance (other than a "capacity variance"), as I have checked on Line C or D of Attachment 2, which I am enclosing.
10. The waste already meets relevant treatment standards. I have signed the required certification on page 2 of Attachment 2, which I am enclosing.

PART III: Wastes NOT Subject to Land Disposal Restrictions

Pursuant to 40 CFR 268.7, I am notifying RES(LA); RES(NJ); RES(TX); RES of LA; OPC; TET that, under the above reference and manifest numbers, I am shipping to you a waste which is non-hazardous and/or identified by the EPA waste code(s) listed in Part I above. The waste is not subject to the Land Disposal Restrictions because the waste is non-hazardous and/or consists only of one or more of the following EPA waste codes listed since November 8, 1984: D018-43, F032, F034-35, F037-38, K064-66, K088, K090-91, K107-112, K117-18, K123-26, K131-32, K136, U328, U353, U369 or other codes listed since 5/15/91.

PART IV: Authorized Representative

Signature Robert G. Tuell, Jr.

Date 05-20-92

Print or Type Name Robert G. Tuell, Jr.

Title Sr. Plant Engineer

NOTE: A "California List" waste is (a) a hazardous waste containing Halogenated Organic Compounds at a concentration of 1000 mg/kg or mg/l, or greater; or (b) a liquid hazardous waste (including free liquids) having a pH equal to or less than 2.0 or containing any of the following materials at a concentration equal to or greater than specified: PCB's, 50 ppm; or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr, 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; Tl, 130.

Rev. 6/9/91

LAND DISPOSAL RESTRICTIONTREATMENT SUBCATEGORIESEPA
WASTE
CODE

<u>SUBCATEGORIES</u>	<u>COMMENT</u>
D001 Ignitable liquids 10 % TOC or > Ignitable liquids < 10 % TOC Ignitable compressed gases Ignitable reactives Oxidizer	Per 261.21 (a)(1) Per 261.21 (a)(1) Per 261.21 (a)(3) Per 261.21 (a)(2) Per 261.21 (a)(4)
D002 Steel corrosives Alkaline Acid	SAE 1020 steel corrosion rate < 6.35 mm/yr Per 262.22 (a)(1) Per 262.22 (a)(1)
D003 Explosives Water reactives Reactive sulfides Reactive cyanides Other reactives	Per 261.23 (a)(6),(7),(8) Per 261.23 (a)(2),(3),(4) Per 261.23 (a)(5) Per 261.23 (a)(1),(4) Per 261.23 (a)(1)
D006 Cadmium-containing batteries Other	
D008 Lead acid batteries Other	
D009 Low mercury High mercury High mercury, containing organics (not incinerator residues) High mercury, containing inorganics (including incinerator or RMERC residues)	< 260 mg/kg Hg 260 mg/kg Hg or > 260 mg/kg Hg or > 260 mg/kg Hg or >
F025 Light ends Spent filters/aids and desiccants	
K061 Low zinc High zinc	< 15% total zinc 15% total zinc or >
K069 Calcium sulfate Non-calcium sulfate	
K071 Low mercury High mercury	< 16 mg/kg Hg 16 mg/kg Hg or >
K106 Low mercury High mercury	< 260 mg/kg Hg 260 mg/kg Hg or >
P065 Low mercury -- residues from RMERC Low mercury -- residues from incineration Mercury fulminate, high mercury -- incinerator or RMERC residues Mercury fulminate, nonwastewaters -- not incinerator or RMERC residues	Original P065 less than 260 mg/kg Hg Original P065 less than 260 mg/kg Hg 260 mg/kg Hg or > Original P065 less than 260 mg/kg Hg
P092 Low mercury -- residues from RMERC Low mercury -- residues from incineration	Original P092 less than 260 mg/kg Hg Original P092 less than 260 mg/kg Hg
	260 mg/kg Hg or >
	260 mg/kg Hg or >
U151 High mercury Low mercury -- residues from RMERC Low mercury -- residues from incineration	260 mg/kg Hg or > Original U151 less than 260 mg/kg Hg 260 mg/kg Hg 260 mg/kg Hg or >

NOTE: TOC = total organic carbon; RMERC = mercury retorting

CONTINUATION OF PART I

Use these lines for additional EPA waste codes and subcategories, if necessary : _____

NON-WASTEWATERSADDITIONAL NOTIFICATION FOR F001-F005, F039 AND CALIFORNIA LIST WASTES

For Part II, Line 1 of the LDR Notification (F001-F005, F039)

This waste must be treated to meet the following treatment standards (check the appropriate line and constituents):

F001 F002 F003 F004 F005

<u>WASTE CODE</u>	<u>REGULATED HAZARDOUS CONSTITUENT</u>	<u>WASTEWATERS CONCENTRATION (mg/l)</u>	<u>NONWASTEWATERS CONCENTRATION (mg/l)</u>
T A B L E C C W E			
F001 - F005 spent solvents	Acetone	0.05	0.59
	n-Butyl alcohol	5.0	5.0
	Carbon disulfide	1.05	4.81
	Carbon tetrachloride	0.05	0.96
	Chlorobenzene	0.15	0.05
	Cresols (and cresylic acid)	2.82	0.75
	Cyclohexanone	0.125	0.75
	1, 2 - Dichlorobenzene	0.65	0.125
	Ethyl acetate	0.05	0.75
	Ethylbenzene	0.05	0.053
	Ethyl ether	0.05	0.75
	Isobutanol	5.0	5.0
	Methanol	0.25	0.75
	Methylene chloride	0.2	0.96
	Methyl ethyl ketone	0.05	0.75
	Methyl isobutyl ketone	0.05	0.33
	Nitrobenzene	0.66	0.125
	Pyridine	1.12	0.33
	Tetrachloroethylene	0.079	0.05
	Toluene	1.12	0.33
	1, 1, 1, - Trichloroethane	1.05	0.41
	1, 1, 2 - Trichloro-		
	1, 2, 2 - Trifluoroethane	1.05	0.96
	Trichloroethylene	0.062	0.091
	Trichlorofluoromethane	0.05	0.96
	Xylene	0.05	0.15

		T A B L E C C W
F001 - F005 spent solvents	1, 1, 2, Trichloroethane	0.030
	Benzene	0.070
F001 - F005 spent solvents (Pharmaceutical Industry Wastewater Subcategory)	Methylene chloride	0.44

	R E Q U I R E D M E T H O D
F005	2-Nitropropane INCIN
F005	2-Ethoxyethanol INCIN

For F039, as indicated on the reverse side of this Attachment

California List : For Part II, Line 6, 7, or 8 of the LDR Notification:

This waste must be treated as indicated below if it meets the definition of a "California List" waste and (a) no other treatment standard is in effect for the California List constituent; or (b) it is a liquid hazardous waste ≥ 50 ppm PCBs, or ≥ 134 mg/l Ni, or ≥ 130 mg/l Tl; or (c) it is a D001-D011 waste and a treatment standard for the California List constituent is not otherwise in effect. Check the appropriate line below.

- HOC ≥ 1000 ppm: incinerate in a RCRA incinerator
- liquids, PCB ≥ 50 ppm: incinerate in a TOSCA/RCRA incinerator
- liquid, pH ≤ 2 : Neutralize
- liquid, free cyanides ≥ 1000 ppm: *
- liquid, As ≥ 500 mg/l: *
- liquid, Cd ≥ 100 mg/l: *
- liquid, Cr ≥ 500 mg/l: *
- liquid, Pb ≥ 500 mg/l: *
- liquid, Hg ≥ 120 mg/l: *
- liquid, Ni ≥ 134 mg/l: *
- liquid, Se ≥ 100 mg/l: *
- liquid, Tl ≥ 130 mg/l: *

* Treat to below California List concentration, or to non-liquid form.

NON-WASTEWATERS

TREATMENT STANDARDS FOR F039

Instruction: Check or circle relevant constituent(s).

CONSTITUENT CONCENTRATIONS IN WASTE EXTRACT

Antimony.....	0.23
Arsenic.....	5.0
Barium.....	62
Cadmium.....	0.066
Chromium (Total).....	5.2
Lead.....	0.51
Mercury.....	0.025
Nickel.....	0.32
Selenium.....	5.7
Silver.....	0.072

CONSTITUENT CONCENTRATIONS IN WASTES

Acetone.....	■ 150	Methyl parathion.....	● 46
Acenaphthalene.....	● 3.4	Naphthalene.....	● 31
Acenaphthene.....	● 4.0	2-Naphthylamine.....	NA
Acetonitrile.....	NA	p-Nitroaniline.....	● 28
Acetophenone.....	● 9.7	Nitrobenzene.....	● 14
2-Acetylaminofluorene.....	● 140	5-Nitro-o-toluidine.....	● 28
Acrylonitrile.....	● 54	4-Nitrophenol.....	● 29
Aldrin.....	● 0.066	N-Nitrosodethylamine.....	● 29
4-Aminobiphenyl.....	NA	N-Nitrosodimethylamine.....	NA
Aniline.....	● 14	N-Nitroso-di-n-butylamine.....	● 17
Anthracene.....	● 4.0	N-Nitrosomethylbutylamine.....	● 23
Aroclor 1016.....	● 0.32	N-Nitrosomorpholine.....	● 2.3
Aroclor 1221.....	● 0.32	N-Nitroso-piperidine.....	● 35
Aroclor 1232.....	● 0.92	N-Nitrosopyridine.....	● 35
Aroclor 1242.....	● 0.32	Parathion.....	● 46
Aroclor 1248.....	● 0.32	Pentachlorobenzene.....	● 37
Aroclor 1254.....	● 0.32	Pentachlorodibenzo-furans.....	● 0.001
Aroclor 1260.....	● 1.8	Pentachlorodibenzo-p-dioxins.....	● 0.001
alpha-BHC.....	● 0.066	Pentachloronitrobenzene.....	● 48
beta-BHC.....	● 0.066	Pentachlorophenol.....	● 74
delta-BHC.....	● 0.066	Phenacetin.....	● 16
gamma-BHC.....	● 0.063	Phenanthrene.....	● 3.1
Benzene.....	● 36	Phenol.....	● 6.2
Benz(a)anthracene.....	● 8.2	Phorate.....	● 4.6
Benz(a)fluoranthene.....	● 3.4	Propanenitrile (ethyl cyanide).....	● 360
Benz(k)fluoranthene.....	● 3.4	Pronamide.....	● 1.5
Benzol(g,h,i)perylene.....	● 1.5	Pyrene.....	● 8.2
Benzol(a)pyrene.....	● 8.2	Pyridine.....	● 16
Bromodichloromethane.....	● 15	Salrotol.....	● 22
Bromoform.....	● 15	Silvex (2,4,5-TP).....	● 7.9
Bromomethane (methyl bromide).....	● 15	2,4,5-T.....	● 7.9
4-Bromophenyl phenyl ether.....	● 15	1,2,4,5-Tetrachlorobenzene.....	● 19
n-Butyl alcohol.....	● 2.6	Tetrachlorodibenzo-furane.....	● 0.001
Butyl benzyl phthalate.....	● 7.9	Tetrachlorodibenzo-p-dioxins.....	● 0.001
2-sec-Butyl-4,6-dinitrophenol.....	● 2.5	2,3,7,8-Tetrachlorodibenzo-p-dioxin.....	NA
Carbon tetrachloride.....	● 5.6	1,1,1,2-Tetrachloroethane.....	● 42
Carbon disulfide.....	NA	1,1,2,2-Tetrachloroethane.....	● 42
Chlordane.....	● 0.13	Tetrachloroethene.....	● 5.6
p-Chloroaniline.....	● 16	2,3,4,6-Tetrachlorophenol.....	● 37
Chlorobenzene.....	● 5.7	Toluene.....	● 28
Chlorobenzilate.....	● NA	Toxaphene.....	● 1.3
Chlorodibromomethane.....	● 16	1,2,4-Trichlorobenzene.....	● 10
Chloroethane.....	● 6.0	1,1,1-Trichloroethane.....	● 5.6
bis(2-Chloroethyl) methane.....	● 7.2	1,1,2-Trichloroethene.....	● 5.6
bis(2-Chloroethyl) ether.....	● 7.2	Trichloroethylene.....	● 5.6
2-Chloroethyl vinyl ether.....	NA	2,4,5-Trichlorophenol.....	● 37
Chloroform.....	● 5.6	2,4,6-Trichlorophenol.....	● 37
bis(2-Chloroisopropyl) ether.....	● 7.2	1,2,3-Trichloropropene.....	● 28
p-Chloro-m-cresol.....	● 14	1,1,2-Trichloro-1,2,2-trifluoro-ethane.....	● 28
Chloromethane (Methyl chloride).....	● 33	Vinyl chloride.....	● 33
2-Chloronaphthalene.....	● 5.6	Xylene(s).....	● 28
2-Chlorophenol.....	● 5.7	Cyanides (Total).....	● 1.8
3-Chloropropene.....	● 28	Cyanides (Amenable).....	NA
Chrysene.....	● 8.2	Fluoride.....	NA
o-Cresol.....	● 5.6	Sulfide.....	NA
Cresol (m- and p-isomers).....	● 3.2	Antimony.....	NA
Cyclohexanone.....	NA	Arsenic.....	NA
1,2-Dibromo-3-chloropropane.....	● 15	Barium.....	NA
1,2-Dibromoethane (Ethylenedibromoide).....	● 15	Beryllium.....	NA
Dibromomethane.....	● 15	Cadmium.....	NA
2,4-D- <i>o</i> -phenoxyacetic acid (2,4-D).....	● 10	Chromium (Total).....	NA
o,p'-DDO.....	● 0.067	Copper.....	NA
p,p'-DDO.....	● 0.087	Lead.....	NA
o,p'-DDE.....	● 0.087	Mercury.....	NA
p,p'-DDF.....	● 0.087	Nickel.....	NA
o,p'-DDT.....	● 0.087	Selenium.....	NA
p,p'-DDT.....	● 0.087	Silver.....	NA
Obenzo(a,h)anthracene.....	● 8.2	Vanadium.....	NA
		Naphthalene.....	● 1.5

NON-WASTEWATERSLAND DISPOSAL RESTRICTION NOTIFICATIONEXTENSIONS, VARIANCES, EXCEPTIONS

For Part II, Line B-7 of the Notification Form. Treatment standards for this waste have a deferred effective date, until May 8, 1992, as follows (check A or B):

- A. Treatment standards for a waste code(s) specified in 268.35 (c), per Attachment 3, as follows:

D004, F039, K031, K084, K101, K102, K106

P010, P011, P012, P036, P038, P065, P087, P092, U136, U151;

"inorganic solid debris" (as defined in 268.2(g))

- B. Treatment standards for the following waste codes, set forth in 268.35, when the waste is contained in contaminated soil or debris (these treatment standards are based on incineration, mercury retorting, vitrification, recovery of metals, or acid leaching followed by chemical precipitation):

D001, D012-17

F025, F039

K015, K017, K021, K026, K031-36, K041, K042, K048-52, K060, K073, K083, K085, K097, K098, K105

P001-09, P016-18, P020, P022-24, P026-28, P031, P033, P034, P037, P042, P045-51, P054, P057-60, P064, P066-72, P075, P077, P081, P082, P084, P088, P093, P095, P096, P101, P102, P105, P108, P112, P116, P118, P122, P123

U001-12, U014-27, U029-31, U033-39, U041-53, U055-57, U059-64, U066-68, U070-86, U089-99, U101, U103, U105, U106, U108-14, U116-33, U135, U137, U138, U140-43, U147-50, U152-74, U176-89, U191-94, U196, U197, U200-03, U206-11, U213, U218-20, U222, U225-28, U234, U236-40, U243, U244, U246-49

For Part II, Line B-9 of the Notification Form. This waste is:

- C. Subject to a case-by-case extension, pursuant to 40 CFR 268.5, granted by _____ on _____
(attach copy)
- D. Subject to a treatability variance, pursuant to 40 CFR 268.44, granted by _____ on _____
(attach copy)

NON-WASTEWATERS

For Appendix IV or Appendix V lab pack, as checked on Part II, Line B-5 of Notification Form:

Instruction: Check appropriate line or lines below. Sign and date.

Appendix IV lab pack:

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Appendix V lab pack:

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only the wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

For generators or treaters who have checked Part II, Line B-10 of the Notification Form:

Instruction:

Check Line 1, 2, or 3 below. If checking Line 1 or 2 below, attach supporting analytical results. If checking Line 2, and if appropriate, also check Line 4. If waste meets some, but not all, relevant treatment standards, write in to which standard the certification applies. Sign and date below.

1. For generators who have determined that their waste meets treatment standards (268.7(a)(2)(ii)):

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

2. For treatment facilities which have treated the waste so that it meets the required numerical treatment standards (268.7(b)(5)(i)):

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

3. For treatment facilities which have treated the waste with the required treatment technology specified in 268.42 (certification per 268.7(b)(5)(ii)):

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

4. If the certification in Line 2 above is based in whole or part on the "analytical detection limit alternative" (268.3(c)), check the following certification:

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Signature _____ Date _____

Print or Type Name _____

Title _____

TREATMENT STANDARD REFERENCE TABLE
Nonwastewaters Only

ATTACHMENT 3

TABLE LEGEND

EPA WASTE CODE SUFFIX:

A	Acidic	LB	Low Mercury ((≤200 mg/kg) Subcategory
ALK	Alkaline	LS	Low Zinc ((≤1%)
C	Corrosives	LH	Low Heavy Metal
CB	Caustic Battery	NCS	Non-Calcine Solids Subcategory
CS	Calcine Solids Subcategory	HW	Mercury
E	Explosives	DX	Oxidizer
H	Hydrated	R	Reactive
HM	High Mercury ((≥200 mg/kg)	RC	Reactive Craydites Subcategory
HS	High Solids Subcategory	RS	Reactive Solids Subcategory
LS	Lead Acid Battery	S	Solid
LA	Low Arsenic ((≤1%) Subcategory	HR	Water Reactive
LQ	Liquid	X	Universal Treatment Standard

TECHNOLOGY CODES AND DEFINITIONS OF TECHNOLOGY BASED STANDARDS:

ACGS = NEUTR = Venting of Compressed Gases followed by neutralization.
(INCIN Acceptable Technology)

DEACT = Desactivation of Hazardous Characteristics (INCIN Acceptable Technology)

IMERC = Incineration of Organics and Mercury Contaminated Soils

INCIN = Incineration

STAB = Stabilization

COLUMN HEADING DESCRIPTIONS:

COLUMN 1 = EPA Waste Code Number and Suffix (if applicable)
COLUMN 2 = Maximum Surface Treatment Standards Expressed as Concentrations in
Waste Extract
COLUMN 3 = Specified Technology Based Standards
COLUMN 4 = Waste has Numerical Treatment Standards Expressed as Waste Concentrations
COLUMN 5 = Deferred Effective Dates of Surface Disposed Wastes Regulated in the Land
Disposal Regulations (LDR)

NOTES: 1. Refer to last page of Attachment 3 for "Capacity variance date" on soil and
debris wastes.
2. Radioactive hazardous mixed wastes not referenced (RES not permitted).
3. Waste newly listed since November 8, 1987 and not in the table below are
subject to regulation under LDR.
4. Some non-combustible wastes which are marked "Do Not Accept" below may be acceptable
at some RES plants in lab packs or very small quantities. Check with Plant
Technical Manager.

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 (CCM)	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
0001 GAS		DEACT		
0001LQ (10x TOC)		DEACT		
0001LQ (10x TOC)	INCIN			
0001X	DEACT			
0001R	DEACT			
0002ACID	DEACT			
0002ALK	DEACT			
0002C	DEACT			
0003E	DO NOT ACCEPT			
0003R	DEACT			
0003RC		X		
3RS	DEACT			

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 (CCM)	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
0003H		DEACT		
0004	X		X	5/8/92
0005	X			
0006	X			
0006CB		DO NOT ACCEPT		
0007	X			
0008BLB		DO NOT ACCEPT		
0008	X			
0009H		DO NOT ACCEPT		
0009LM	X			5/8/92
0010	X			
0011	X			
0012		X		

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 (CCM)	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
0013		X		
0014		X		
0015	X			
0016		X		
0017	X			
F001	X	X		
F002	X	X		
F003	X	X		
F004	X	X		
F005	X	INCIN	X	
F006	X	X		
F007	X	X		
F008	X	X		
F009	X	X		
F010		X		
F011	X	X		
F012	X	X		
F019	X	X		
F020		DO NOT ACCEPT		
F021		DO NOT ACCEPT		
F022		DO NOT ACCEPT		
F023		DO NOT ACCEPT		
F024	X	INCIN	X	
F025		X		
F026		DO NOT ACCEPT		
F027		DO NOT ACCEPT		
F028		DO NOT ACCEPT		
F029	X		X	5/8/92
F030			X	
F031	X			5/8/92
F032			X	
F033			X	
F034			X	
F035			X	
F036			X	
F037			X	
K028			X	
K029			X	
K030			X	
K031	X			5/8/92
K032			X	
K033			X	
K034			X	
K035			X	
K036			X	
K037			X	
K038			X	
K039			X	
K040			X	

* Technology Only For 2-Nitropropane, 2-Ethoxyethanol

(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 (CCM)	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE	EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 (CCM)	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
K041			X		K102	X		X	
K042			X		K103			X	
K043			DO NOT ACCEPT		K104			X	
K044			DEACT		K105			X	
K045			DEACT		K106HN			DO NOT ACCEPT	
K046					K106LM	X			5/8/92
K047			DEACT		K110			INCIN	
K048	X				K111			INCIN	
K049	X		X		K112			INCIN	
K050	X		X		K113			INCIN	
K051	X		X		K114			INCIN	
K052	X		X		K115			INCIN	
K053			X		K116			INCIN	
K054			X		K001			INCIN	
K055			X		K002			INCIN	
K056			X		K003			INCIN	
K057			X		K004			X	
K058			X		K010	X			5/8/92
K059			X		K011	X			5/8/92
K060			X		K012	X			5/8/92
K061HZ			DO NOT ACCEPT		K013			INCIN	
K061LZ					K014			INCIN	
K062	X				K015			DO NOT ACCEPT	
K063CS	X				K016			INCIN	
K063NCs			DO NOT ACCEPT		K017			INCIN	
K071HN			DO NOT ACCEPT		K018			INCIN	
K071LM	X				K019			X	
K072			X		K020			INCIN	
K083	X		X		K021			INCIN	
K084	X			5/8/92	K022			INCIN	
K085			X		K023			INCIN	
K086	X		X		K024			X	
K087	X		X		K025			INCIN	
K093			X		K026			INCIN	
K094			X		K027			INCIN	
K095			X		K028			INCIN	
K096			X		K029			INCIN	
K097			X		K030			INCIN	
K098			X		K031			INCIN	
K099			DO NOT ACCEPT		K032			INCIN	
K100	X		X	5/8/92	K033			INCIN	
K101	X		X	5/8/92	K034			INCIN	
K035			X		K036			INCIN	
K037			X		K038			INCIN	
K039			X		K039			INCIN	
K040			X		K041			INCIN	
K042			X		K043			INCIN	
K044			X		K045			INCIN	
K046			X		K047			INCIN	
K048			X		K049			INCIN	
K049			X		K050			INCIN	
K051			X		K052			INCIN	
K053			X		K054			INCIN	
K055			X		K056			INCIN	
K056			X		K057			INCIN	
K058			X		K059			INCIN	
K059			X		K060			INCIN	
K060			X		K061			INCIN	
K062			X		K063			INCIN	
K063			X		K064			INCIN	
K064			X		K065HN			DO NOT ACCEPT	
K065LM	X		X	5/8/92	K066HN			DO NOT ACCEPT	
K066LM	X		X	5/8/92	K067			INCIN	

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 TECH	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
P110	X			
P111				
	INCIN			
	STABL			
P114	X			
P115	STABL			
P116	INCIN			
P118	INCIN			
P119	STABL			
P120	STABL			
P121		X		
P122	INCIN			
P123		X		
U001	INCIN			
U002		X		
U003	INCIN			
U004		X		
U005		X		
U006	INCIN			
U007	INCIN			
U008	INCIN			
U009		X		
U010	INCIN			
U011	INCIN			
U012		X		
U014	INCIN			
U015	INCIN			
U016	INCIN			
U017	INCIN			
U018		X		
U019		X		
U020	INCIN			
U021	INCIN			
U022		X		
U023	INCIN			

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 TECH	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
U024			X	
U025			X	
U026		INCIN		
U027			X	
U028			X	
U029			X	
U030			X	
U031			X	
U032	X			
U033		INCIN		
U034		INCIN		
U035		INCIN		
U036			X	
U037			X	
U038		INCIN		
U039			X	
U041		INCIN		
U042		INCIN		
U043			X	
U044			X	
U045			X	
U046		INCIN		
U047			X	
U048			X	
U049		INCIN		
U050			X	
U051	X		X	
U052			X	
U053		INCIN		
U055		INCIN		
U056		INCIN		
U057		INCIN		
U058		INCIN		
U059		INCIN		
U060			X	

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 TECH	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
U135			INCIN	
U136		X		5/8/92
U137			X	
U138			X	
U140			X	
U141			X	
U142			X	
U143		INCIN		
U144			X	
U145		X		
U146			X	
U147		INCIN		
U148		INCIN		
U149		INCIN		
U150		INCIN		
U151HM				DO NOT ACCEPT
U151LM		X		5/8/92
U152			X	
U153		INCIN		
U154		INCIN		
U155			X	
U156		INCIN		
U157			X	
U158			X	
U159			X	
U160		INCIN		
U161			X	
U162			X	
U163		INCIN		
U164		INCIN		
U165			X	
U166		INCIN		
U167		INCIN		
U168		INCIN		
U169			X	

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 TECH	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
U170				X
U171		INCIN		
U172				X
U173		INCIN		
U174				X
U176		INCIN		
U177		INCIN		
U178		INCIN		
U179				X
U180				X
U181				X
U182		INCIN		
U183				X
U184		INCIN		
U185				X
U186		INCIN		
U187				X
U188				X
U189		INCIN		
U190				X
U191		INCIN		
U192				X
U193		INCIN		
U194		INCIN		
U195				X
U196				X
U197		INCIN		
U200		INCIN		
U201		INCIN		
U202		INCIN		
U203				X
U204				X
U205				X
U206		INCIN		
U207				X
U208				X

(1)	(2)	(3)	(4)	(5)
EPA CODE NUMBER	40 CFR 268.41 (CCME)	40 CFR 268.42 TECH	40 CFR 268.43 (CCM)	CAPACITY VARIANCE DEFERRED EFF. DATE
U061			X	
U062		INCIN		
U063			X	
U064		INCIN		
U065			X	
U066			X	
U067			X	
U068			X	
U069			X	
U070			X	
U071			X	
U072			X	
U073		INCIN		
U074		INCIN		
U075			X	
U076			X	
U078			X	
U079			X	
U080			X	
U081			X	
U082			X	
U083			X	
U084			X	
U085		INCIN		
U086		INCIN		
U087		INCIN		
U088			X	
U089		INCIN		
U090		INCIN		
U091		INCIN		
U092		INCIN		
U093			X	
U094			X	
U095			X	
U096			X	
U097		INCIN		
U119		INCIN		
U120			X	
U121			X	
U122		INCIN		
U123			X	
U124			X	
U125		INCIN		
U126			X	
U127			X	
U128			X	
U129			X	
U130			X	
U131			X	
U132		INCIN		
U133			X	
U134			X	
U135		INCIN		
U136			X	
U137			X	
U138			X	
U139			X	
U140			X	
U141			X	
U142			X	
U143			X	
U144			X	
U145			X	
U146			X	
U147			X	
U148			X	
U149			X	
U150			X	
U151			X	
U152			X	
U153			X	
U154			X	
U155			X	
U156			X	
U157			X	
U158			X	
U159			X	
U160			X	
U161			X	
U162			X	
U163			X	
U164			X	
U165			X	
U166			X	
U167			X	
U168			X	
U169			X	
U170			X	
U171			X	
U172			X	
U173			X	
U174			X	
U175			X	
U176			X	
U177			X	
U178			X	
U179			X	
U180			X	
U181			X	
U182			X	
U183			X	
U184			X	
U185			X	
U186			X	
U187			X	
U188			X	
U189			X	
U190			X	
U191			X	
U192			X	
U193			X	
U194			X	
U195			X	
U196			X	
U197			X	
U198			X	
U199			X	
U200			X	
U201			X	
U202			X	
U203			X	
U204			X	
U205			X	
U206			X	
U207			X	
U208			X	

Treatment standards deferred until May 8, 1992 for these codes when contained in contaminated "soil and debris":

D001, D012-17
 F025, F039
 K015, K017, K021, K026, K031-36, K041, K042, K048-52, K060, K073, K083, K085, K097, K098, K105
 P001-09, P016-18, P020, P022-24, P026-28, P031, P033, P034, P037, P042, P045-51, P054, P057-60, P064, P066-72, P075, P077, P081, P082, P084, P088, P093, P095, P096, P101, P102, P105, P108, P112, P116, P118, P122, P123, U001-12, U014-27, U029-31, U033-39, U041-53, U055-57, U059-64, U066-68, U070-86, U089-99, U101, U103, U105, U106, U108-14, U116-33, U135, U137, U138, U140-43, U147-50, U152-74, U176-89, U191-94, U196, U197, U200-03, U206-11, U213, U218-20, U222, U225-28, U234, U236-40, U243, U244, U246-49